

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	287	(360/313).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:43
S3	1227	(360/122).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:44
S4	32	(360/114.08).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:43
S5	46	S3 and (DLC or (diamond adj ike adj carbon))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:20
S6	65	S3 and (DLC or (diamond-like adj carbon))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:20
S7	10753	(DLC or (diamond-like adj carbon))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 07:46
S8	407	S7 and (vickers adj hardness)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:21
S9	2241	((DLC adj film) or (diamond-like adj carbon adj film))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:47
S10	10753	(DLC or (diamond-like adj carbon))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:59
S11	10753	S10 or S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 07:46
S12	407	S10 and (vickers adj hardness)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:04
S14	7	S12 and (magnetoresistive adj head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 07:47
S15	76	(hard adj carbon adj film) and (magnetic adj head) and hardness	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:06
S16	511	((hard adj carbon) or DLC or (diamond-like adj carbon)) and (magnetic adj head) and hardness	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:48
S17	136	((hard adj carbon)) and (magnetic adj head) and hardness	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:07

## EAST Search History

S18	375	S16 not (S15 or S17)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:47
S19	83138	magnetic adj tape	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:47
S20	151	S19 and ((DLC adj film) or (diamond-like adj carbon adj film))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:48
S21	128	S20 and head	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:56
S22	1045	magnetic adj tape adj head	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:56
S23	64	(magnetic adj tape adj head).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:59
S24	0	S22 same (DLC or (diamond-like adj carbon))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 12:00
S25	6	S22 same carbon	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:07
S26	1307	CARBON SAME (MAGNETIC ADJ HEAD)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:08
S27	5	S26 same (shield and gap and (MR or magnetoresistive))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:15
S28	22	S26 same (shield and (MR or magnetoresistive))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:25
S29	955	360/123.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 16:30
S30	0	S29 and ((carbon near2 film) same shield same gap same substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:27
S31	0	S29 and ((carbon near2 film) same substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:27
S32	2	S29 and (carbon same shield same gap same substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:27
S33	1	10/791538	US-PGPUB	OR	ON	2006/04/10 14:43

## EAST Search History

S34	1	"20030197978"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 15:45
S35	17	"5609948"	US-PGPUB; USPAT	OR	ON	2006/04/10 16:29
S36	549	(mnzn or nzn) adj ferrite	US-PGPUB; USPAT	OR	ON	2006/04/10 16:30
S37	19	S36 and 360/126.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 16:30
S38	4	(magnetoresistive adj element) same SAL same NiFeNb	US-PGPUB; USPAT	OR	ON	2006/04/10 16:44
S39	8	(magnetoresistive adj element) same SAL same NiFe	US-PGPUB; USPAT	OR	ON	2006/04/10 16:48
S40	5	(magnetoresistive adj element) same tantalum same NiFe	US-PGPUB; USPAT	OR	ON	2006/04/10 16:54
S41	28	((MR or magnetoresistive) adj element) same tantalum same NiFe	US-PGPUB; USPAT	OR	ON	2006/04/10 17:02
S42	1	((MR or magnetoresistive) adj element) same tantalum same NiFe same NiFeNb	US-PGPUB; USPAT	OR	ON	2006/04/10 17:01
S43	3	((MR or magnetoresistive) adj element) same tantalum same NiFeNb	US-PGPUB; USPAT	OR	ON	2006/04/10 17:02
S45	64	"360"/\$.ccls. and ((write adj gap adj layer) with ("al.sub.2o.sub.3" or "sio.sub.2" or al2O3 or sio2))	US-PGPUB; USPAT	OR	ON	2006/04/11 08:28